Phocos Any-Grid
PSW-H & PSW-B Comparison

	PSW-H 230 Vac	PSW-H 120 Vac	PSW-B-3KW-230/24V
	• For larger micro and mini-grids and residential use • Mixing of PV power and grid power possible at the same time • Numerous communication, comfort and user interface features • High PV voltages mean lower cost PV installation • Works without battery		• Particularly useful for smaller Off-Grid systems and On-Grid Systems where feed-in is prohibited • Simple menu configuration with fewer options • Not a grid-interactive device • Battery is required for operation • Traditional PV voltage range means PV combiner boxes with string fuses are needed (more wiring)
Max. PV Panel Voltage	450 Vdc	250 Vdc	145 Vdc
PV Panel MPP Voltage	3 kW: 90 ~ 430 Vdc 5 kW: 120 ~ 430 Vdc	90 ~ 230 Vdc	30 ~ 115 Vdc
Max. Usable PV Power	3 kW units: 4000 W 5 kW units: 4800 W		1800 W
Max. Usable PV Power for Battery Charging	3 kW units: 2400 W 5 kW units: 4800 W		1800 W
Max. Charge Current (PV)	80 Adc		60 Adc
Max. Charge Current (AC)	80 Adc		60 Adc
Max. Total Charge Current	80 Adc		120 Adc
Grid Mode	Parallel to AC input: mixing of PV and AC source power possible		By-pass: no mixing of PV and AC source power possible
Extensibility	Up to 9 units in parallel or 3-phase	Up to 9 units in parallel, 3-phase or split-phase	–
Battery-Free Mode	✔		–
Removable Display Unit	✔		–
Battery (BMS) Communication Port (CAN, RS-485, RS-232)	✔		–
BLE Wireless Communication Interface with PhocosLink Mobile app	✔		–
Real-Time Clock and Priority Timers	✔		–
Integrated Datalogger	✔		–

Subject to change without notice Version: 2020-08-07